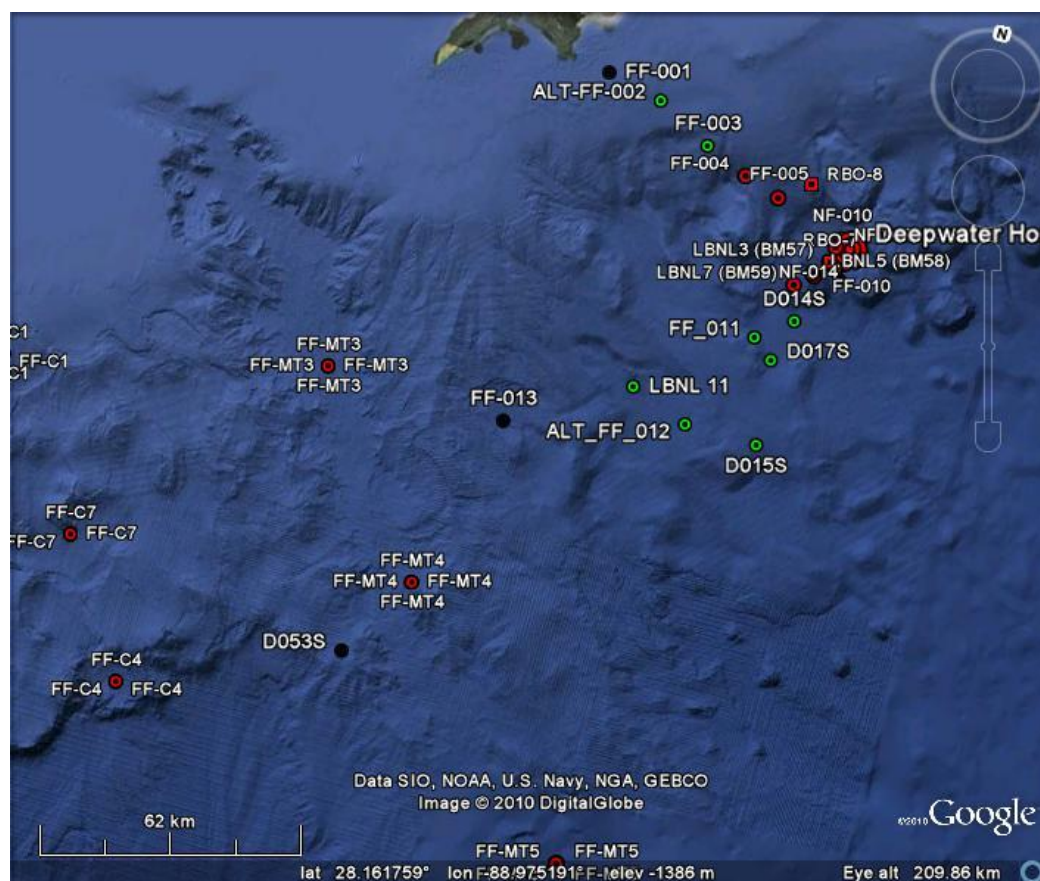


<i>Seabed Sampling Operations</i>	
Vessel	R/V Gyre
Summary Report Number	13
Operating equipment	MEGA Corer (12 core unit)
Date	10 October 2010
Completed casts (24 hr)	3 MEGA Corer
Report compiled by	Nick Morley/Jason Schitoskey

Seabed Sampling Locations



S/V Gyre Sampling Effort				Map Date: 9 OCT 2010 Created by: Nick Morley
<u>Stn ID</u>	<u>Latitude</u>	<u>Longitude</u>	<u>Depth</u>	Sediment Sampling Stations Using Bowers & Connolly MEGA Corer ● Sampled prior to Cruise 5 ● Sampled, Cruise 5, before 10 th Oct 2010 ● Sampled on 10 th October 2010
D062S	28.26568	-88.923340	1304	
FF013	28.20500	-89.05600	1211	
D053S	27.651062	-89.382011	1410	

All cores were processed and stored in accordance with P1470_RN2448_GY_Rev1. Samples were prepared and stored for hydrocarbon, trace metal, BTEX, grainsize, total inorganic carbon, total organic carbon, meiofauna, macrofauna and microbiology testing and analysis onshore.

Station DO62S

Lat: 28.28.26568

Long: -88.923340

Cores recovered: 12 out of 12

Supernatant water

Visible contamination:

None

Olfactible contamination:

None

Sediment

Visible contamination:

None.

Olfactible contamination:

None

Description: 35 cm firm grey clay overlaid with 6 cm less consolidated dark olive gray silty clay topped by 3 cm brown ooze. Clays were of medium plasticity, Some lamination evident.



FF013

Lat: 28.20500

Long: -89.05600

Cores recovered: 12 out of 12

Supernatant water

Visible contamination:

None

Olfactible contamination:

None

Sediment

Visible contamination:

No contamination seen in core.

Olfactible contamination:

None

Description:

37 cm of firm gray clay overlain by 4 cm of grayish brown soft clay/silt with 3 cm of brown ooze above. 2 cm diameter annular/tube structure at top of clay layer.



Internal Diameter of Core: 10 cms

D053S

Lat: 27.651062

Long: -89.282011

Cores recovered: 12 out of 12

Supernatant water

Visible contamination:

None

Olfactible contamination:

None

Sediment

Visible contamination:

None

Olfactible contamination:

None

Description:

25 cm firm gray clay overlain by 9 cm of less consolidated soft gray brown silty clay under 3 cm of brown ooze. 2 of the 12 cores at this site contained free swim nudibranch (?) worms, each approximately 4 cm in length.



Internal Diameter of Core: 10 cms